

* * * * * Welcome to STN International * * * * *

<u>NEWS 1</u>		Web Page URLs for STN Seminar Schedule - N. America
<u>NEWS 2</u>		"Ask CAS" for self-help around the clock
<u>NEWS 3</u>	May 12	EXTEND option available in structure searching
<u>NEWS 4</u>	May 12	Polymer links for the POLYLINK command completed in REGISTRY
<u>NEWS 5</u>	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in Cplus
<u>NEWS 6</u>	May 27	Cplus super roles and document types searchable in REGISTRY
<u>NEWS 7</u>	Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
<u>NEWS 8</u>	Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
<u>NEWS 9</u>	Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
<u>NEWS 10</u>	Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
<u>NEWS 11</u>	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
<u>NEWS 12</u>	AUG 02	Cplus and CA patent records enhanced with European and Japan Patent Office Classifications
<u>NEWS 13</u>	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
<u>NEWS 14</u>	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
<u>NEWS 15</u>	AUG 04	Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
<u>NEWS 16</u>	AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
<u>NEWS 17</u>	AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
<u>NEWS 18</u>	SEP 01	INPADOC: New family current-awareness alert (SDI) available
<u>NEWS 19</u>	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
<u>NEWS 20</u>	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
<u>NEWS 21</u>	SEP 14	STN Patent Forum to be held October 13, 2004, in Iselin, NJ
<u>NEWS EXPRESS</u>	JULY 30	CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
<u>NEWS HOURS</u>		STN Operating Hours Plus Help Desk Availability
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<u>NEWS LOGIN</u>		Welcome Banner and News Items
<u>NEWS PHONE</u>		Direct Dial and Telecommunication Network Access to STN
<u>NEWS WWW</u>		CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 20:09:24 ON 14 SEP 2004

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

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FULL ESTIMATED COST

0.21

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FILE COVERS 1907 - 14 Sep 2004 VOL 141 ISS 12
 FILE LAST UPDATED: 13 Sep 2004 (20040913/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L1 1 125:114681/DN

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FULL ESTIMATED COST	2.44	2.65

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STRUCTURE FILE UPDATES: 13 SEP 2004 HIGHEST RN 744170-41-0
 DICTIONARY FILE UPDATES: 13 SEP 2004 HIGHEST RN 744170-41-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
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 to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d scan

YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:n

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	3.07

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FILE COVERS 1907 - 14 Sep 2004 VOL 141 ISS 12
 FILE LAST UPDATED: 13 Sep 2004 (20040913/ED)

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=> sel rn

TOO MANY ANSWER NUMBERS SPECIFIED

No more than 50000 answers may be specified.

ENTER ANSWER NUMBER OR RANGE (1-):0

NUMBERS IN RANGE MUST BE GREATER THAN ZERO.

An answer number must be a positive number.

ENTER ANSWER NUMBER OR RANGE (1-):end

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(FILE 'HOME' ENTERED AT 20:09:24 ON 14 SEP 2004)

FILE 'HCAPLUS' ENTERED AT 20:09:32 ON 14 SEP 2004

L1 1 S 125:114681/DN

SEL RN

L2 58357 S E1-E75

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

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	ENTRY	SESSION
FULL ESTIMATED COST	2.36	5.43

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STRUCTURE FILE UPDATES: 13 SEP 2004 HIGHEST RN 744170-41-0
 DICTIONARY FILE UPDATES: 13 SEP 2004 HIGHEST RN 744170-41-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
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 to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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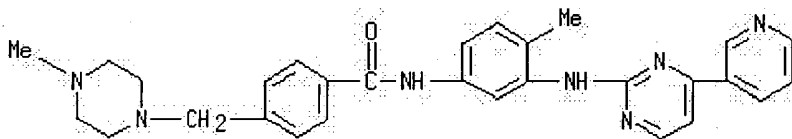
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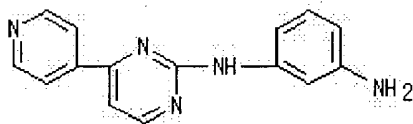
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

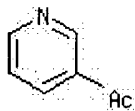
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)74

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 1,3-Benzenediamine, N-[4-(4-pyridinyl)-2-pyrimidinyl]- (9CI)
 MF C15 H13 N5



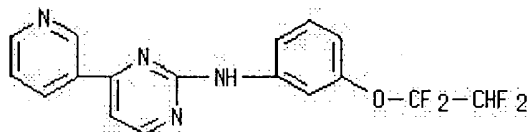
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Ethanone, 1-(3-pyridinyl)- (9CI)
 MF C7 H7 N O
 CI COM



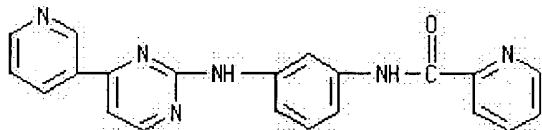
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, 4-(3-pyridinyl)-N-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]-
 (9CI)
 MF C17 H12 F4 N4 O



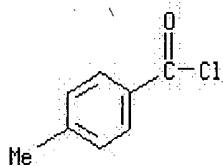
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyridinecarboxamide, N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-
 (9CI)
 MF C21 H16 N6 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

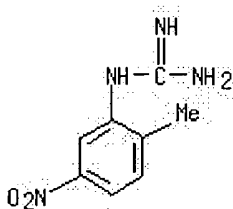
L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzoyl chloride, 4-methyl- (9CI)
 MF C8 H7 Cl O
 CI COM



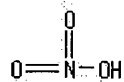
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Guanidine, (2-methyl-5-nitrophenyl)-, mononitrate (9CI)
 MF C8 H10 N4 O2 . H N O3

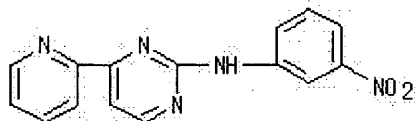
CM 1



CM 2

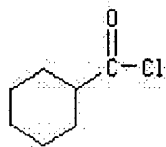


L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, N-(3-nitrophenyl)-4-(2-pyridinyl)- (9CI)
 MF C15 H11 N5 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

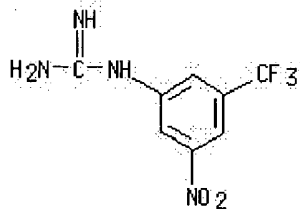
L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Cyclohexanecarbonyl chloride (6CI, 7CI, 8CI, 9CI)
 MF C7 H11 Cl O



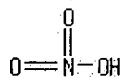
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Guanidine, [3-nitro-5-(trifluoromethyl)phenyl]-, mononitrate (9CI)
 MF C8 H7 F3 N4 O2 . H N O3

CM 1



CM 2

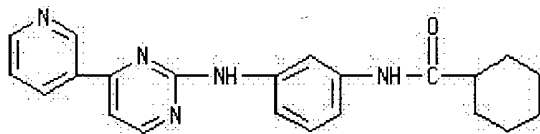


L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Cyclohexanecarboxamide, N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)

h eb c g cg b cg

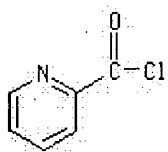
eb

MF C22 H23 N5 O



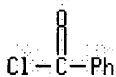
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyridinecarbonyl chloride (9CI)
 MF C6 H4 Cl N O
 CI COM



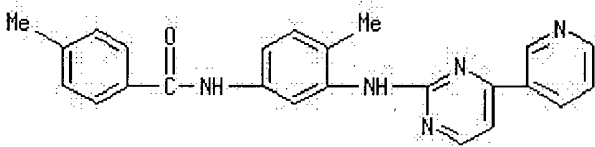
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzoyl chloride (8CI, 9CI)
 MF C7 H5 Cl O
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

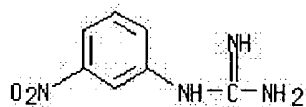
L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, 4-methyl-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C24 H21 N5 O



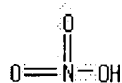
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Guanidine, (3-nitrophenyl)-, mononitrate (9CI)
 MF C7 H8 N4 O2 . H N O3

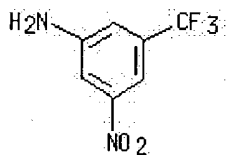
CM 1



CM 2

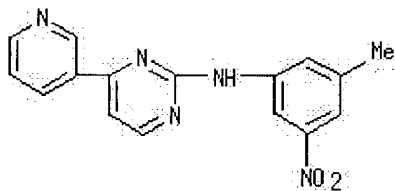


L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzenamine, 3-nitro-5-(trifluoromethyl)- (9CI)
 MF C7 H5 F3 N2 O2



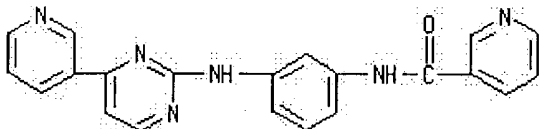
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, N-(3-methyl-5-nitrophenyl)-4-(3-pyridinyl)- (9CI)
 MF C16 H13 N5 O2



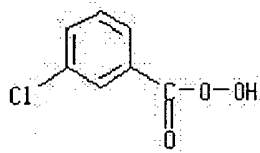
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 3-Pyridinecarboxamide, N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C21 H16 N6 O



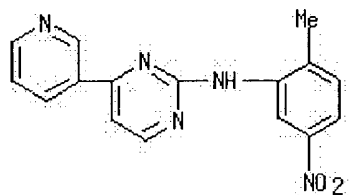
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzenecarboperoxoic acid, 3-chloro- (9CI)
 MF C7 H5 Cl O3
 CI COM



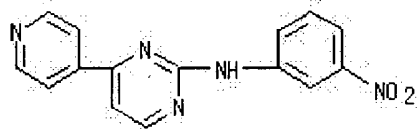
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, N-(2-methyl-5-nitrophenyl)-4-(3-pyridinyl)- (9CI)
 MF C16 H13 N5 O2



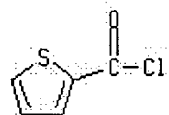
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, N-(3-nitrophenyl)-4-(4-pyridinyl)- (9CI)
 MF C15 H11 N5 O2



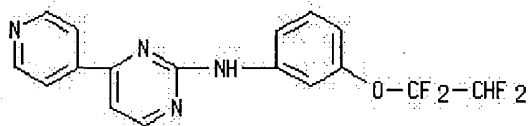
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Thiophenecarbonyl chloride (6CI, 7CI, 8CI, 9CI)
 MF C5 H3 Cl O S



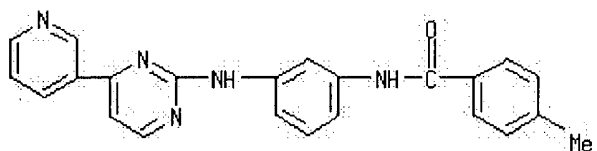
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, 4-(4-pyridinyl)-N-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]- (9CI)
 MF C17 H12 F4 N4 O



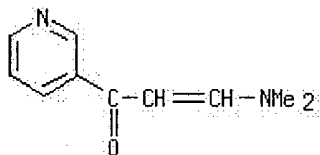
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benamide, 4-methyl-N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-
 (9CI)
 MF C23 H19 N5 O



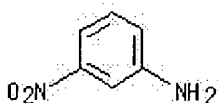
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Propen-1-one, 3-(dimethylamino)-1-(3-pyridinyl)- (9CI)
 MF C10 H12 N2 O
 CI COM



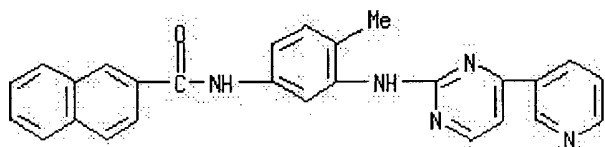
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzenamine, 3-nitro- (9CI)
 MF C6 H6 N2 O2
 CI COM



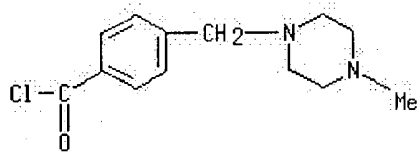
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Naphthalenecarboxamide, N-[4-methyl-3-[[4-(3-pyridinyl)-2-
 pyrimidinyl]amino]phenyl]- (9CI)
 MF C27 H21 N5 O



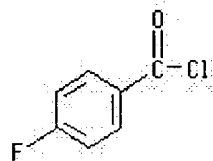
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzoyl chloride, 4-[(4-methyl-1-piperazinyl)methyl]- (9CI)
 MF C13 H17 Cl N2 O
 CI COM



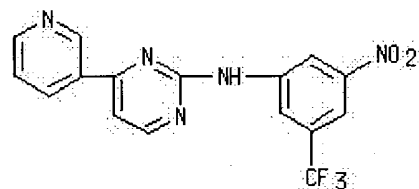
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzoyl chloride, 4-fluoro- (9CI)
 MF C7 H4 Cl F O
 CI COM



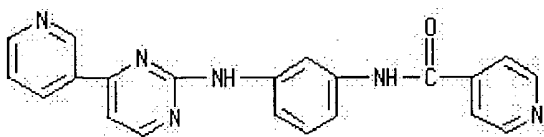
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, N-[3-nitro-5-(trifluoromethyl)phenyl]-4-(3-pyridinyl)- (9CI)
 MF C16 H10 F3 N5 O2



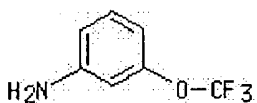
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 4-Pyridinecarboxamide, N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C21 H16 N6 O



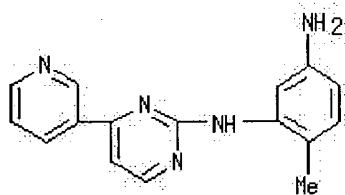
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzenamine, 3-(trifluoromethoxy)- (9CI)
 MF C7 H6 F3 N O



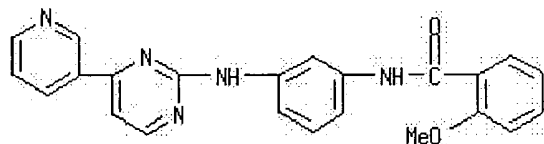
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 1,3-Benzenediamine, 4-methyl-N3-[4-(3-pyridinyl)-2-pyrimidinyl]- (9CI)
 MF C16 H15 N5



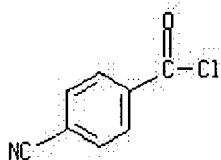
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, 2-methoxy-N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C23 H19 N5 O2



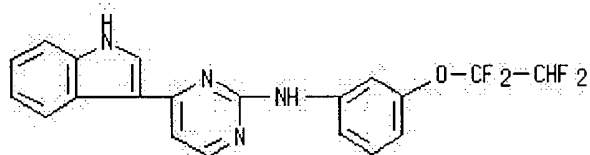
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzoyl chloride, 4-cyano- (9CI)
 MF C8 H4 Cl N O
 CI COM



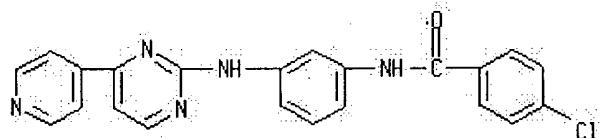
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 2-Pyrimidinamine, 4-(1H-indol-3-yl)-N-[3-(1,1,2,2-
tetrafluoroethoxy)phenyl]- (9CI)
MF C20 H14 F4 N4 O



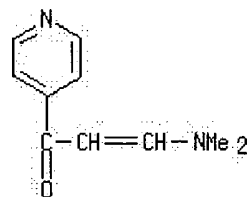
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L4 75 ANSWERS  REGISTRY  COPYRIGHT 2004 ACS on STN
IN  Benzamide, 4-chloro-N-[3-[[4-(4-pyridinyl)-2-pyrimidinyl]amino]phenyl]-
    (9CI)
MF  C22 H16 Cl N5 O
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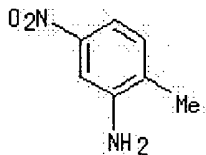
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 2-Propen-1-one, 3-(dimethylamino)-1-(4-pyridinyl)- (9CI)
MF C10 H12 N2 O



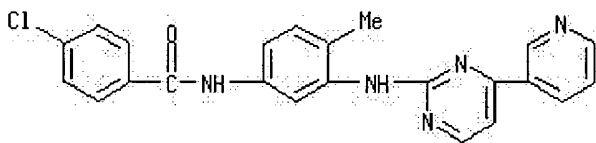
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzenamine, 2-methyl-5-nitro- (9CI)
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT
MF C7 H8 N2 O2
CI COM



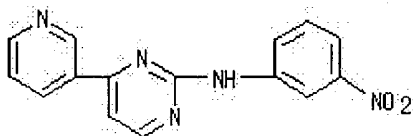
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, 4-chloro-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C23 H18 Cl N5 O



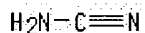
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, N-(3-nitrophenyl)-4-(3-pyridinyl)- (9CI)
 MF C15 H11 N5 O2



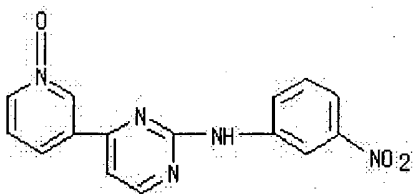
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Cyanamide (8CI, 9CI)
 MF C H2 N2
 CI COM



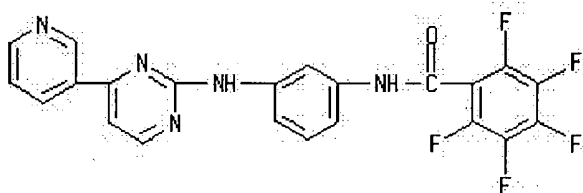
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, N-(3-nitrophenyl)-4-(1-oxido-3-pyridinyl)- (9CI)
 MF C15 H11 N5 O3



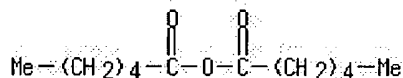
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, 2,3,4,5,6-pentafluoro-N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C22 H12 F5 N5 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

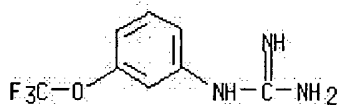
L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Hexanoic acid, anhydride (9CI)
 MF C12 H22 O3
 CI COM



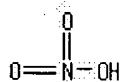
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Guanidine, [3-(trifluoromethoxy)phenyl]-, mononitrate (9CI)
 MF C8 H8 F3 N3 O . H N O3

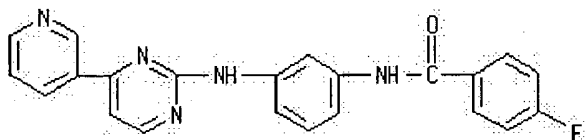
CM 1



CM 2

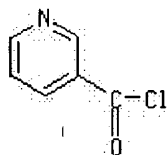


L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, 4-fluoro-N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C22 H16 F N5 O



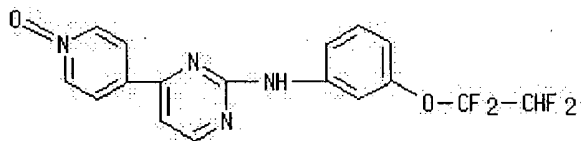
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 3-Pyridinecarbonyl chloride (9CI)
 MF C6 H4 Cl N O
 CI COM



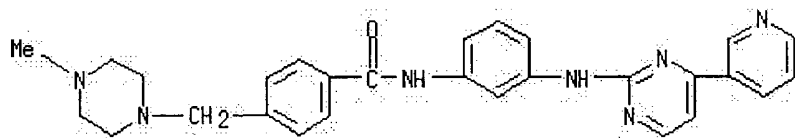
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, 4-(1-oxido-4-pyridinyl)-N-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]- (9CI)
 MF C17 H12 F4 N4 O2



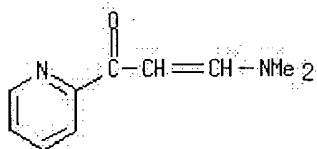
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C28 H29 N7 O



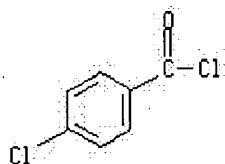
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Propen-1-one, 3-(dimethylamino)-1-(2-pyridinyl)- (9CI)
 MF C10 H12 N2 O



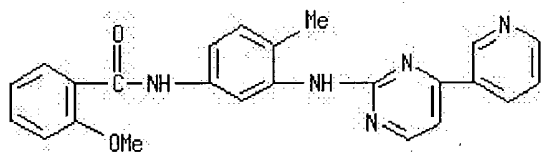
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzoyl chloride, 4-chloro- (9CI)
 MF C7 H4 Cl2 O
 CI COM



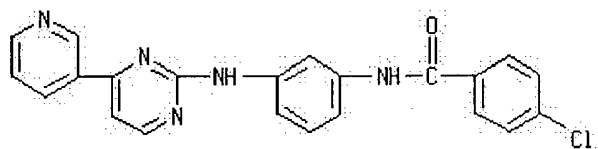
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, 2-methoxy-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C24 H21 N5 O2



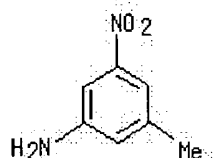
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, 4-chloro-N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C22 H16 Cl N5 O



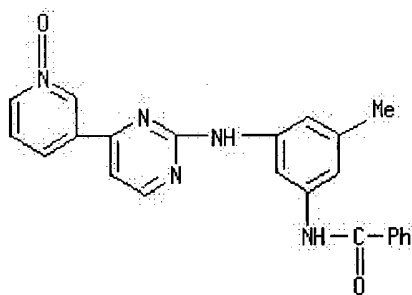
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzenamine, 3-methyl-5-nitro- (9CI)
 MF C7 H8 N2 O2



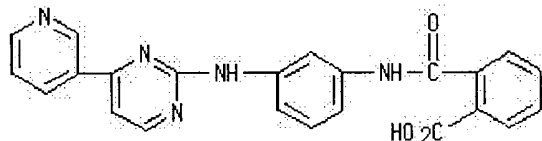
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benamide, N-[3-methyl-5-[[4-(1-oxido-3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C23 H19 N5 O2



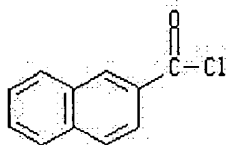
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzoic acid, 2-[[[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]amino]carbonyl]- (9CI)
 MF C23 H17 N5 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Naphthalenecarbonyl chloride (9CI)
 MF C11 H7 Cl O
 CI COM

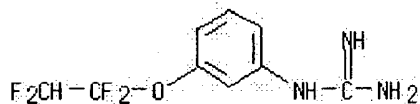


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

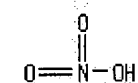
L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Guanidine, [3-(1,1,2,2-tetrafluoroethoxy)phenyl]-, mononitrate (9CI)
 MF C9 H9 F4 N3 O . H N O3

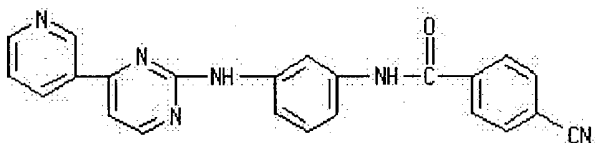
CM 1



CM 2



L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, 4-cyano-N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-
 (9CI)
 MF C23 H16 N6 O



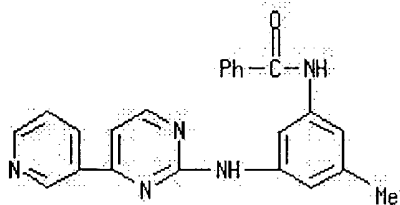
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 4-Pyridinecarbonyl chloride (9CI)
 MF C6 H4 Cl N O
 CI COM



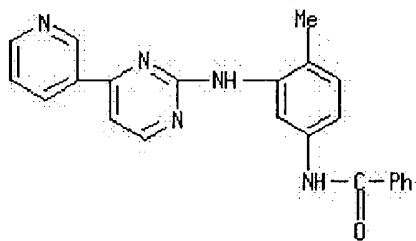
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, N-[3-methyl-5-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-
 (9CI)
 MF C23 H19 N5 O



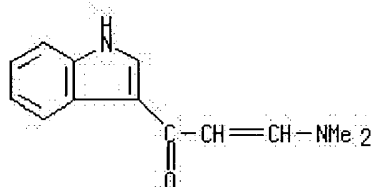
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzamide, N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C23 H19 N5 O



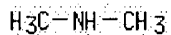
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Propen-1-one, 3-(dimethylamino)-1-(1H-indol-3-yl)- (9CI)
 MF C13 H14 N2 O



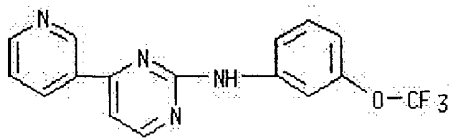
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Methanamine, N-methyl- (9CI)
 MF C2 H7 N
 CI COM



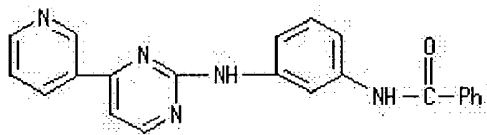
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2-Pyrimidinamine, 4-(3-pyridinyl)-N-[3-(trifluoromethoxy)phenyl]- (9CI)
 MF C16 H11 F3 N4 O



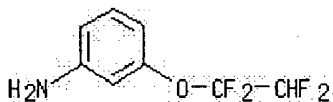
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzanide, N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C22 H17 N5 O



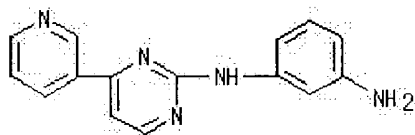
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Benzanide, N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C8 H7 F4 N O



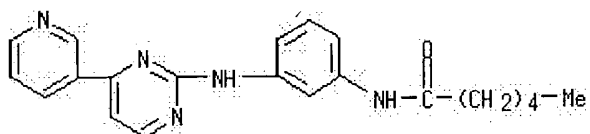
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 1,3-Benzenediamine, N-[4-(3-pyridinyl)-2-pyrimidinyl]- (9CI)
 MF C15 H13 N5
 CI COM



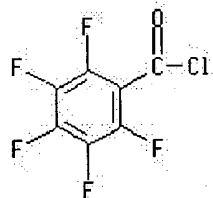
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Hexanamide, N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (9CI)
 MF C21 H23 N5 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

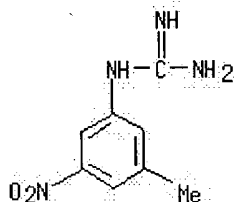
L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzoyl chloride, pentafluoro- (6CI, 7CI, 8CI, 9CI)
MF C7 Cl F5 O



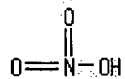
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Guanidine, (3-methyl-5-nitrophenyl)-, mononitrate (9CI)
MF C8 H10 N4 O2 . H N O3

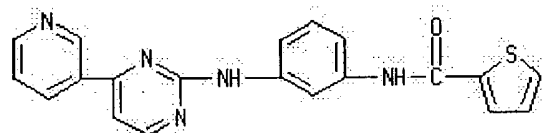
CM 1



CM 2



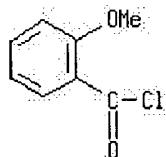
```
L4 75 ANSWERS  REGISTRY  COPYRIGHT 2004 ACS on STN
IN 2-Thiophenecarboxamide, N-[3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-
   (9CI)
MF C20 H15 N5 O S
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

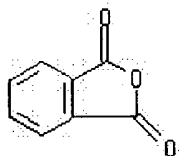
L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Benzoyl chloride, 2-methoxy- (9CI)
MF C8 H7 Cl O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 75 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1,3-Isobenzofurandione (9CI)
MF C8 H4 O3
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=>

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 12 EXTEND option available in structure searching
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CAPlus
NEWS 6 May 27 CAPlus super roles and document types searchable in REGISTRY
NEWS 7 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS 8 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS 9 Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS 10 Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS 11 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS 12 AUG 02 CAPlus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS 13 AUG 02 STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS 14 AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS 15 AUG 04 Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS 16 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 17 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS 18 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 19 SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS 20 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 21 SEP 14 STN Patent Forum to be held October 13, 2004, in Iselin, NJ
NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 19:52:17 ON 14 SEP 2004

=> file req

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

h eb c g cg b cg

eb

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 19:52:22 ON 14 SEP 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 13 SEP 2004 HIGHEST RN 744170-41-0
DICTIONARY FILE UPDATES: 13 SEP 2004 HIGHEST RN 744170-41-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

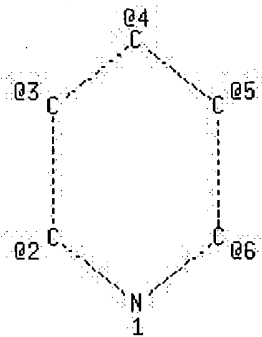
L1 STRUCTURE UPLOADED

=> d l1

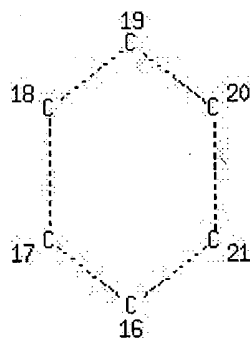
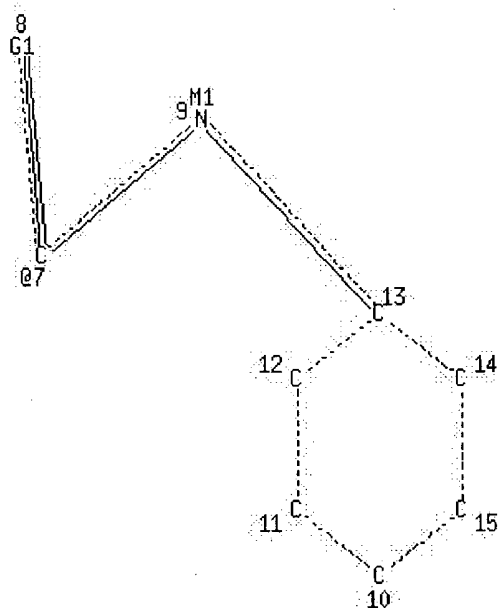
L1 HAS NO ANSWERS

L1 STR

0 22 S 23



Page 1-A



Page 1-B

VAR G1=22/23

VPA 7-2/3/4/5/6 S

NODE ATTRIBUTES:

HCOUNT	IS	M1	AT	9
NSPEC	IS	R	AT	1
NSPEC	IS	R	AT	2
NSPEC	IS	R	AT	3
NSPEC	IS	R	AT	4
NSPEC	IS	R	AT	5
NSPEC	IS	R	AT	6
NSPEC	IS	C	AT	7
NSPEC	IS	C	AT	8
NSPEC	IS	C	AT	9
NSPEC	IS	R	AT	10
NSPEC	IS	R	AT	11
NSPEC	IS	R	AT	12
NSPEC	IS	R	AT	13
NSPEC	IS	R	AT	14
NSPEC	IS	R	AT	15
NSPEC	IS	R	AT	16
NSPEC	IS	R	AT	17
NSPEC	IS	R	AT	18
NSPEC	IS	R	AT	19
NSPEC	IS	R	AT	20
NSPEC	IS	R	AT	21

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 7 9 22 23

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 23

STEREO ATTRIBUTES: NONE

=> s 11

SAMPLE SEARCH INITIATED 19:54:14 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4616 TO ITERATE

21.7% PROCESSED 1000 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 88247 TO 96393
PROJECTED ANSWERS: 6829 TO 9233

L2 50 SEA SSS SAM L1

=> s ll full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 19:54:25 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 90823 TO ITERATE

100.0% PROCESSED 90823 ITERATIONS 7359 ANSWERS
SEARCH TIME: 00.00.01

L3 7359 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	156.68	156.89

FILE 'HCAPLUS' ENTERED AT 19:54:29 ON 14 SEP 2004
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FILE COVERS 1907 - 14 Sep 2004 VOL 141 ISS 12
FILE LAST UPDATED: 13 Sep 2004 (20040913/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3/thu

1356 L3
619171 THU/RL
L4 314 L3/THU
(L3 (L) THU/RL)

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
----------------------	------------	-------

h eb c g cg b cg

eb

	ENTRY	SESSION
FULL ESTIMATED COST	2.36	159.25

FILE 'REGISTRY' ENTERED AT 19:54:36 ON 14 SEP 2004
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STRUCTURE FILE UPDATES: 13 SEP 2004 HIGHEST RN 744170-41-0
 DICTIONARY FILE UPDATES: 13 SEP 2004 HIGHEST RN 744170-41-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
 information enter HELP PROP at an arrow prompt in the file or refer
 to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR

=> s 15

SAMPLE SEARCH INITIATED 19:56:03 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 45 TO ITERATE

100.0% PROCESSED 45 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 498 TO 1302
 PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
 FULL SEARCH INITIATED 19:56:11 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 896 TO ITERATE

100.0% PROCESSED 896 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

L7 0 SEA SSS FUL L5

=>

L8 STRUCTURE UPLOADED

=> d l8

L8 HAS NO ANSWERS

L8 STR

=> s l8

SAMPLE SEARCH INITIATED 19:58:36 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2 TO 124

PROJECTED ANSWERS: 0 TO 0

L9 0 SEA SSS SAM L8

=> s l8 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 19:58:44 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 63 TO ITERATE

100.0% PROCESSED 63 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L10 0 SEA SSS FUL L8

=>

L11 STRUCTURE UPLOADED

=> d l11

L11 HAS NO ANSWERS

L11 STR

=> s l11

SAMPLE SEARCH INITIATED 20:00:51 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L12 0 SEA SSS SAM L11

=> s l11

SAMPLE SEARCH INITIATED 20:00:53 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 0 TO 0
 PROJECTED ANSWERS: 0 TO 0

L13 0 SEA SSS SAM L11

=> s l11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
 FULL SEARCH INITIATED 20:00:57 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 23 TO ITERATE

100.0% PROCESSED 23 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

L14 0 SEA SSS FUL L11

=>

L15 STRUCTURE UPLOADED

=> d l15

L15 HAS NO ANSWERS

L15 STR

=> s l15

SAMPLE SEARCH INITIATED 20:04:49 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 18 TO ITERATE

100.0% PROCESSED 18 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 106 TO 614
 PROJECTED ANSWERS: 0 TO 0

L16 0 SEA SSS SAM L15

=> s l15 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
 FULL SEARCH INITIATED 20:04:54 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 449 TO ITERATE

100.0% PROCESSED 449 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

L17 0 SEA SSS FUL L15

=>

L18 STRUCTURE UPLOADED

=> d l18

L18 HAS NO ANSWERS

L18 STR

=> s l18

SAMPLE SEARCH INITIATED 20:06:50 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 0 TO 0
 PROJECTED ANSWERS: 0 TO 0

L19 0 SEA SSS SAM L18

=> s l18 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

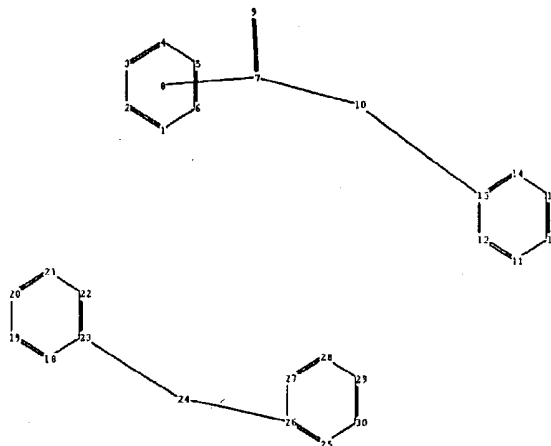
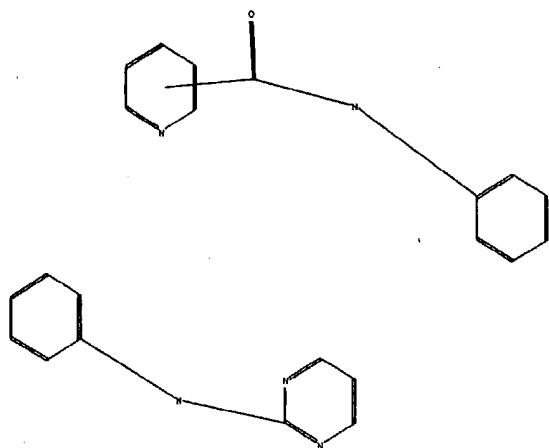
FULL SEARCH INITIATED 20:06:54 FILE 'REGISTRY'

FULL 'SCREEN SEARCH COMPLETED - 14 TO ITERATE

100.0% PROCESSED 14 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

L20 0 SEA SSS FUL L18

=>



chain nodes :

7 9 10 24

ring nodes :

1 2 3 4 5 6 11 12 13 14 15 16 18 19 20 21 22 23 25 26 27 28 29 30

chain bonds :

7-9 7-10 10-13 23-24 24-26

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16 18-19 18-23
19-20 20-21 21-22 22-23 25-26 25-30 26-27 27-28 28-29 29-30

exact/norm bonds :

7-9 7-10 10-13 23-24 24-26

normalized bonds :

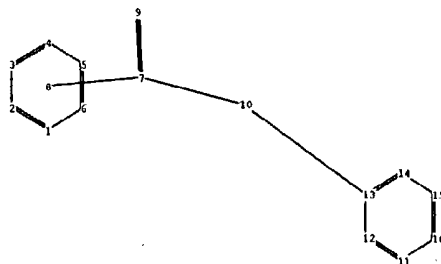
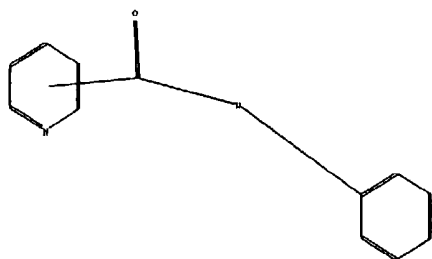
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16 18-19 18-23
19-20 20-21 21-22 22-23 25-26 25-30 26-27 27-28 28-29 29-30

isolated ring systems :

containing 1 : 11 : 18 : 25 :

match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom 24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom



chain nodes :

7 9 10

ring nodes :

1 2 3 4 5 6 11 12 13 14 15 16

chain bonds :

7-9 7-10 10-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16

exact/norm bonds :

7-9 7-10 10-13

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16

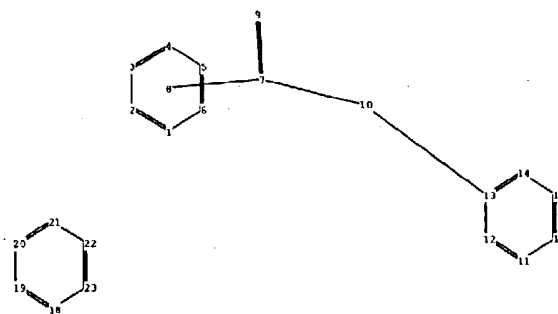
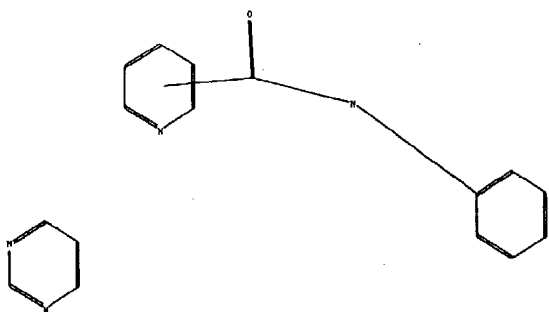
isolated ring systems :

containing 1 : 11 :

match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom

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chain nodes :

7 9 10

ring nodes :

1 2 3 4 5 6 11 12 13 14 15 16 18 19 20 21 22 23

chain bonds :

7-9 7-10 10-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16 18-19 18-23
19-20 20-21 21-22 22-23

exact/norm bonds :

7-9 7-10 10-13

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16 18-19 18-23
19-20 20-21 21-22 22-23

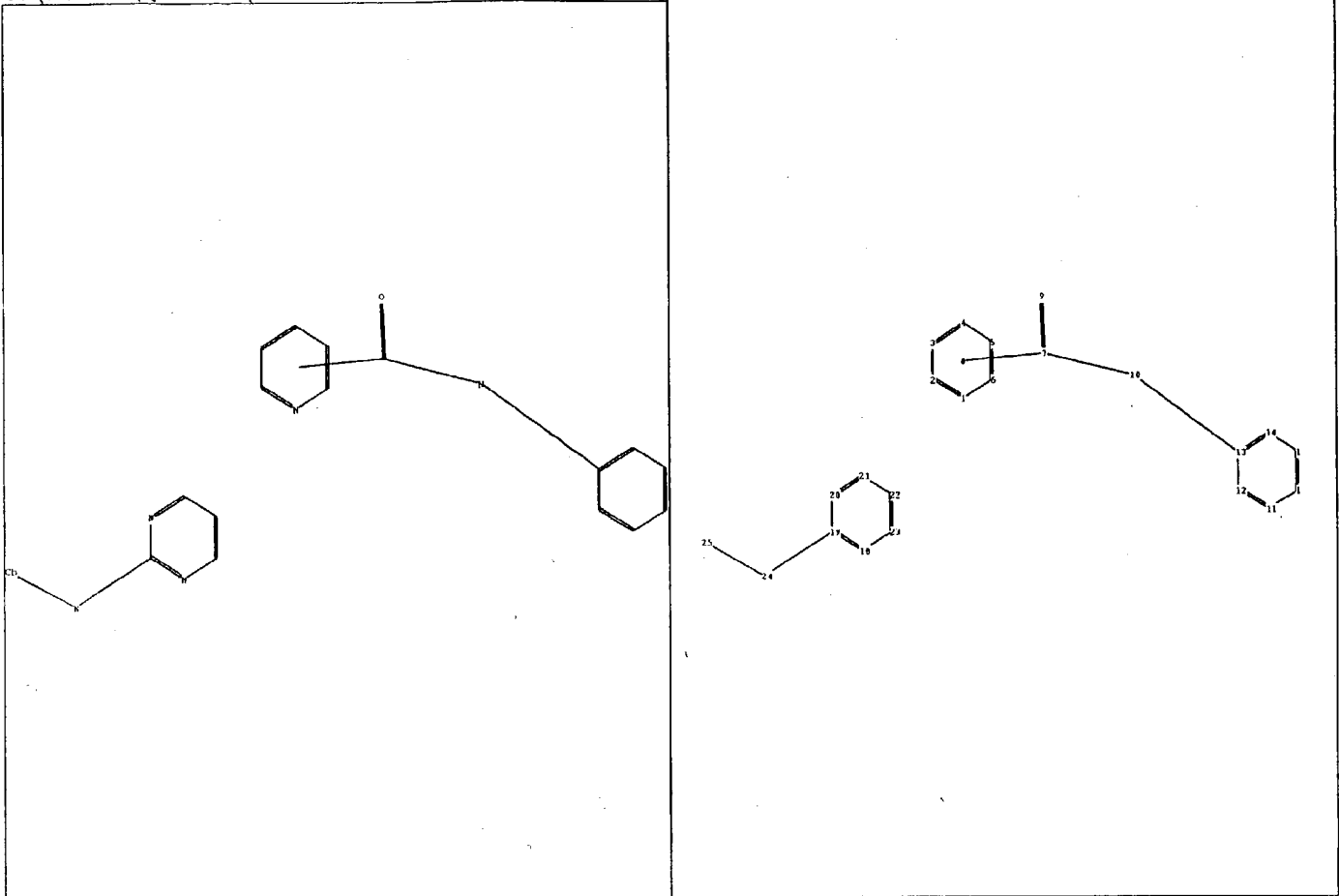
isolated ring systems :

containing 1 : 11 : 18 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom

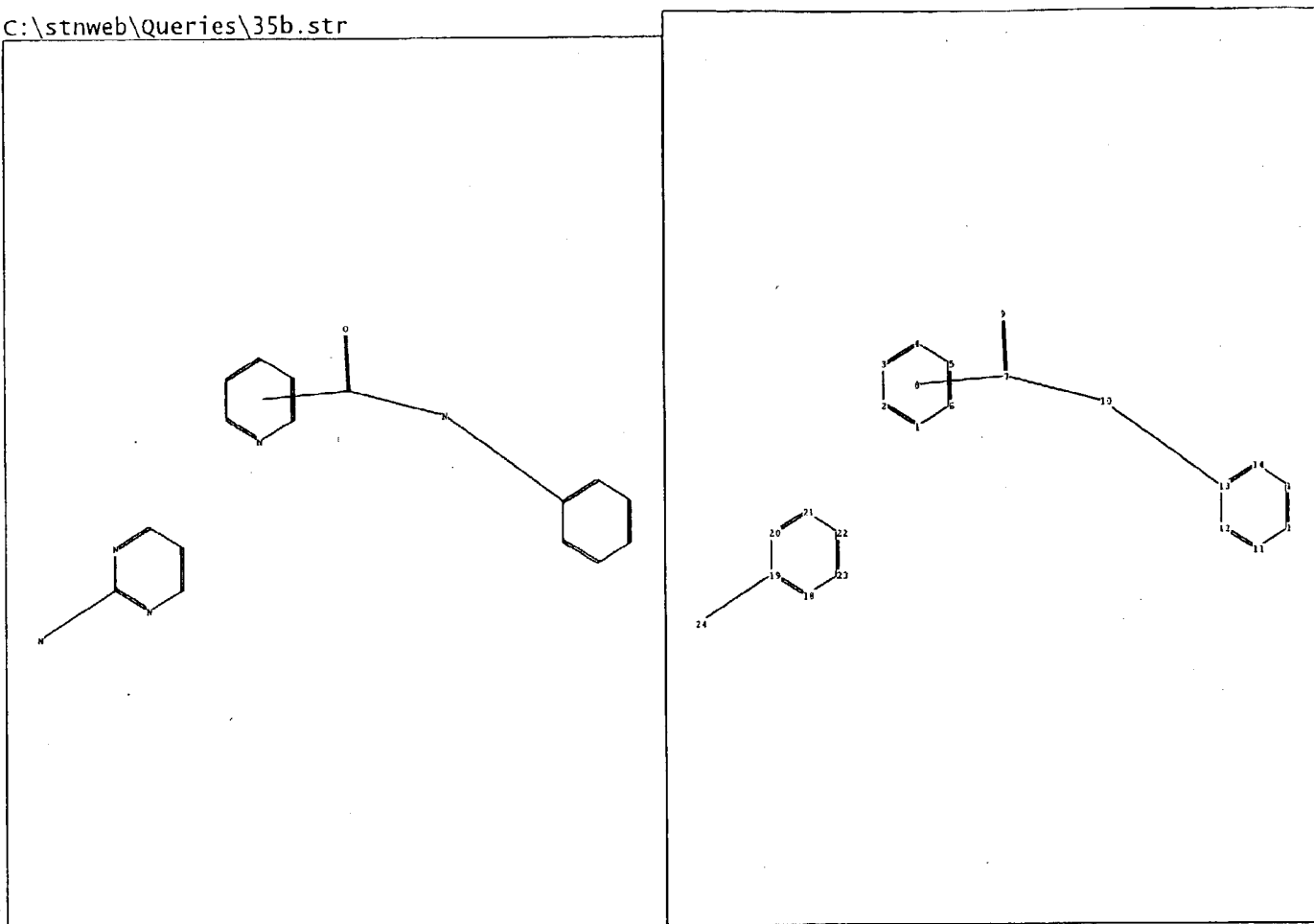
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chain nodes :
7 9 10 24 25
ring nodes :
1 2 3 4 5 6 11 12 13 14 15 16 18 19 20 21 22 23
chain bonds :
7-9 7-10 10-13 19-24 24-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16 18-19 18-23
19-20 20-21 21-22 22-23
exact/norm bonds :
7-9 7-10 10-13 19-24
exact bonds :
24-25
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16 18-19 18-23
19-20 20-21 21-22 22-23
isolated ring systems :
containing 1 : 11 : 18 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom 24:CLASS 25:Atom

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chain nodes :

7 9 10 24

ring nodes :

1 2 3 4 5 6 11 12 13 14 15 16 18 19 20 21 22 23

chain bonds :

7-9 7-10 10-13 19-24

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16 18-19 18-23
19-20 20-21 21-22 22-23

exact/norm bonds :

7-9 7-10 10-13 19-24

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16 18-19 18-23
19-20 20-21 21-22 22-23

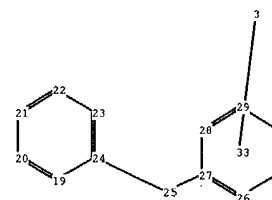
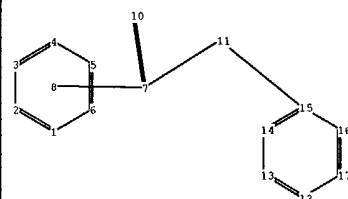
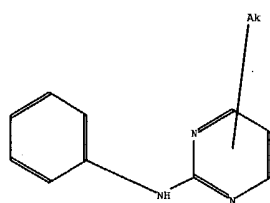
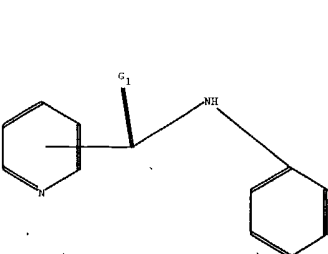
isolated ring systems :

containing 1 : 11 : 18 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom 24:CLASS

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chain nodes :

7 10 11 25 32

ring nodes :

1 2 3 4 5 6 12 13 14 15 16 17 19 20 21 22 23 24 26 27 28 29 30 31

chain bonds :

7-10 7-11 11-15 24-25 25-27

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 19-20 19-24
20-21 21-22 22-23 23-24 26-27 26-31 27-28 28-29 29-30 30-31

exact/norm bonds :

7-10 7-11 11-15 24-25 25-27

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 19-20 19-24
20-21 21-22 22-23 23-24 26-27 26-31 27-28 28-29 29-30 30-31

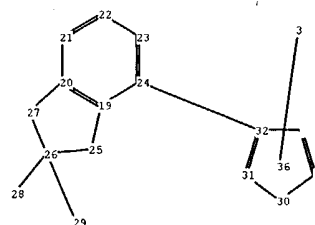
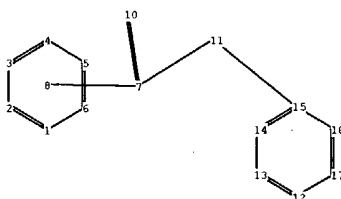
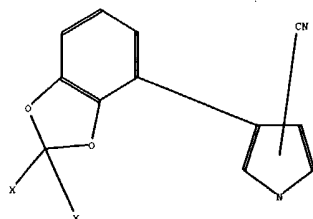
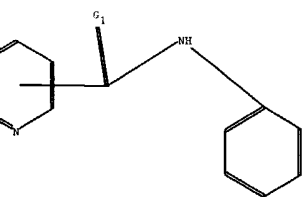
isolated ring systems :

containing 1 : 12 : 19 :

1:0,S

match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS 11:CLASS
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:Atom 20:Atom 21:Atom 22:Atom
23:Atom 24:Atom 25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom
32:CLASS 33:CLASS

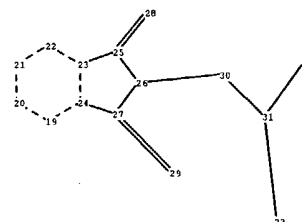
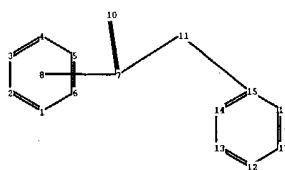
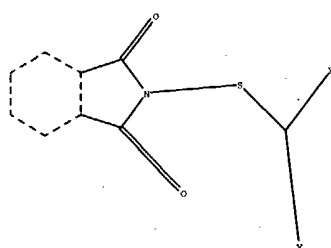
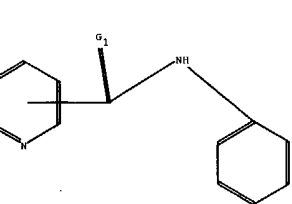


in nodes :
 7 10 11 28 29 35
 g nodes :
 1 2 3 4 5 6 12 13 14 15 16 17 19 20 21 22 23 24 25 26 27 30 31 32
 33 34
 in bonds :
 7-10 7-11 11-15 24-32 26-28 26-29
 g bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 19-20 19-24
 19-25 20-21 20-27 21-22 22-23 23-24 25-26 26-27 30-31 30-34 31-32 32-33 33-34
 ct/norm bonds :
 7-10 7-11 11-15 30-31 30-34 31-32 32-33 33-34
 ct bonds :
 19-25 20-27 24-32 25-26 26-27 26-28 26-29
 malized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 19-20 19-24
 20-21 21-22 22-23 23-24
 lated ring systems :
 containing 1 : 12 : 19 :

O,S

ch level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS 11:CLASS
 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:Atom 20:Atom 21:Atom 22:Atom
 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:CLASS 29:CLASS 30:Atom 31:Atom
 32:Atom 33:Atom 34:Atom 35:CLASS 36:CLASS

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chain nodes :

7 10 11 28 29 30 31 32 33

ring nodes :

1 2 3 4 5 6 12 13 14 15 16 17 19 20 21 22 23 24 25 26 27

chain bonds :

7-10 7-11 11-15 25-28 26-30 27-29 30-31 31-32 31-33

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 19-20 19-24
20-21 21-22 22-23 23-24 23-25 24-27 25-26 26-27

exact/norm bonds :

7-10 7-11 11-15 19-20 19-24 20-21 21-22 22-23 23-24 25-26 25-28 26-27 26-30
27-29 30-31

exact bonds :

23-25 24-27 31-32 31-33

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17

isolated ring systems :

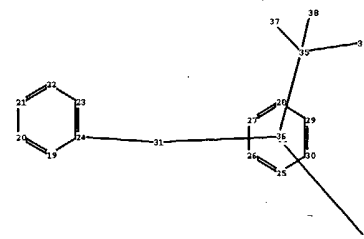
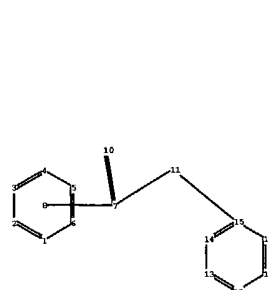
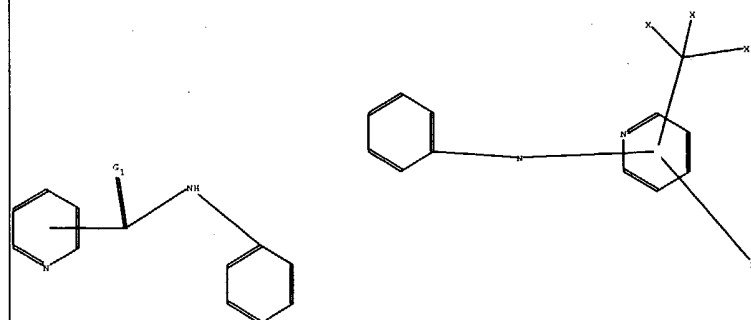
containing 1 : 12 : 19 :

1:0,s

match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS 11:CLASS
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:Atom 20:Atom 21:Atom 22:Atom
23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:CLASS 29:CLASS 30:CLASS 31:CLASS
32:CLASS 33:CLASS

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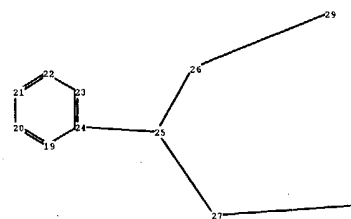
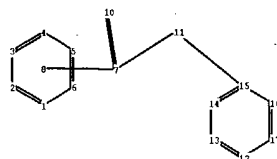
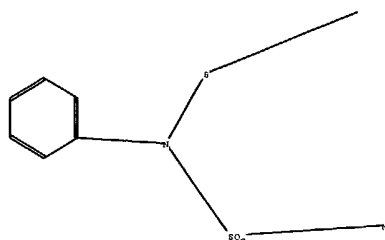
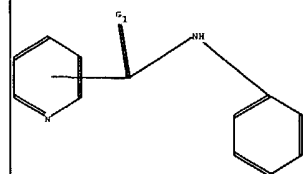
chain nodes :
  7 10 11 31 33 35 37 38 39
ring nodes :
  1 2 3 4 5 6 12 13 14 15 16 17 19 20 21 22 23 24 25 26 27 28 29 30
chain bonds :
  7-10 7-11 11-15 24-31 35-39 35-38 35-37
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 19-20 19-24
  20-21 21-22 22-23 23-24 25-26 25-30 26-27 27-28 28-29 29-30
exact/norm bonds :
  7-10 7-11 11-15 24-31
exact bonds :
  35-39 35-38 35-37
normalized bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 19-20 19-24
  20-21 21-22 22-23 23-24 25-26 25-30 26-27 27-28 28-29 29-30
isolated ring systems :
  containing 1 : 12 : 19 :
  
```

G1:O,S

```

Match level :
  1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS 11:CLASS
  12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:Atom 20:Atom 21:Atom 22:Atom
  23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:CLASS
  32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS
  
```

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chain nodes :

7 10 11 25 26 27 28 29

ring nodes :

1 2 3 4 5 6 12 13 14 15 16 17 19 20 21 22 23 24

chain bonds :

7-10 7-11 11-15 24-25 25-26 25-27 26-29 27-28

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 19-20 19-24
20-21 21-22 22-23 23-24

exact/norm bonds :

7-10 7-11 11-15 24-25 25-26 25-27 26-29 27-28

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 19-20 19-24
20-21 21-22 22-23 23-24

isolated ring systems :

containing 1 : 12 : 19 :

G1:0,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS 11:CLASS
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:Atom 20:Atom 21:Atom 22:Atom
23:Atom 24:Atom 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS